| Property Report	
Based on: MultiApp_SmrtCrd.vsd	Drawings for Patent Application
Creator: David Fisher, CardSmart Technologies, Inc.	Method to Store and Manage Multiple Applications on a Single Smart Card
Number of Pages = 2	
Drawings include: Figure 1 Entity Relationship Figure 2 Hierarchical View of MultiApplication Smart Card Figure 3 File Layout and Security Scheme	
Created 4/23/2000	CONFIDENTIAL

Figure 1. Entity Relationhip
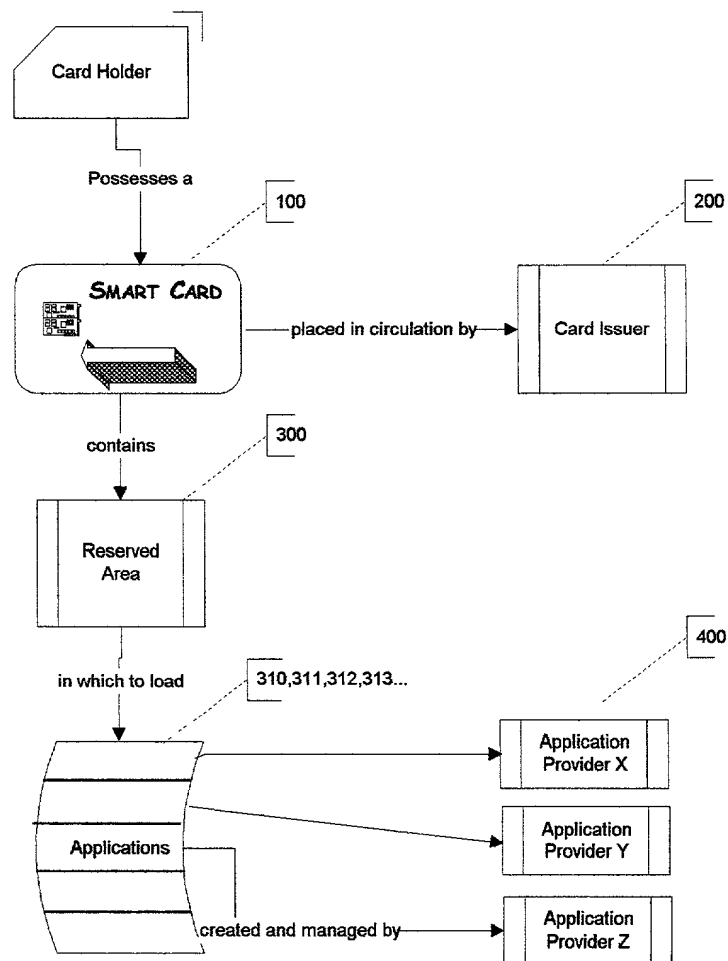
Figure 2. Hierarchical View of MultiApplication Smart Card
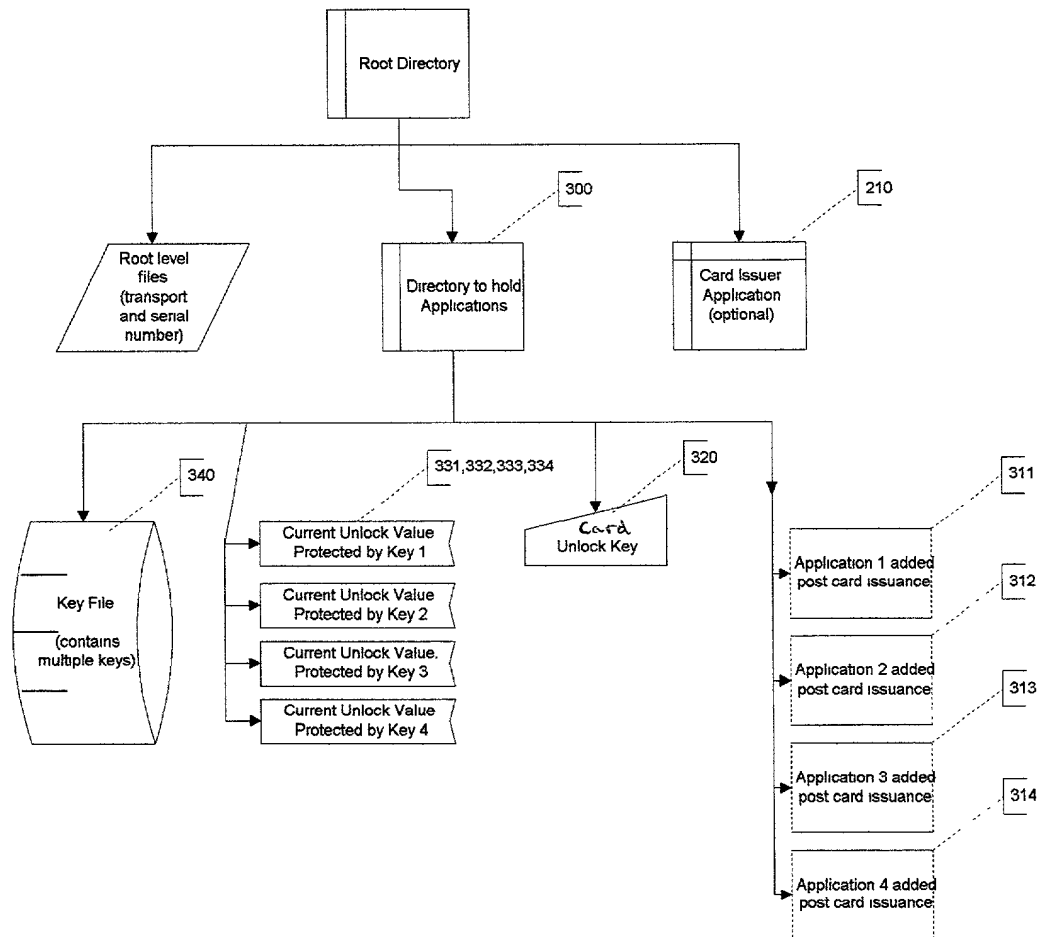
Figure 3. Access Conditions and Card Security

File ID	Callout ID	Created by	File Type	File Size	Access conditions Read	Update	Create/Del	Lock	Description
3F 00		Card Manufactu	Root Directory				Transp Key		
00.02		Card Manufactu	Serial Number	8 bytes	Always	Never			Not essential to this process
00 11		Card Manufactu	Transport Key		Never	Transp Key			Not essential to this process
AA DD	300	Issuer	Directory				Key0		
00 00	320	Issuer	PIN	8 bytes	Never	PIN		unblock with Key0	Not used as tradional PIN rather this is the locking key for the directory
00 11	340	Issuer	Key File	8 keys @ 8 bytes each	Never	Never		with 1 false attempt	Contains 8 keys Values are set in advance by issuer
0A 01	331	Issuer	Data file	8 bytes	Key1	PIN			Stores the current PIN value accesible only by application provider 1
0A 02	332	Issuer	Data file	8 bytes	Key2	PIN			Stores the current PIN value accesible only by application provider 2
0A 03	333	Issuer	Data file	8 bytes	Key3	PIN			Stores the current PIN value accesible only by application provider 3
0A 04	334	Issuer	Data file	8 bytes	Key4	PIN			Stores the current PIN value accesible only by application provider 4
1A 00	311	App Provider 1	Application Directory 1				PIN or Key0		Contents of this directory are al complete discretion of Application Provider
xx xx		App Provider 1	?	?	?	?	?	?	Defined by Application Provider 1
xx xy		App Provider 1	?	?	?	?	?	?	Defined by Application Provider 1
xx xz									Defined by Application Provider 1
2A 00	312	App Provider 2	Application Directory 2				PIN or Key0		In the same way, the contents of these additional applications will
...									be defined by each individual Application Provider

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